

**What is Claimed is:**

1. A light-emitting pen with pullable cover comprising an upper portion and a lower portion; the upper portion being a control portion and the lower portion being a pen tube; the pen tube being formed by a transparent outer tube; a refill within the transparent outer tube; and a spring being at a lower end of the refill so that the refill is retained in a reduced state in the pen tube; the control portion including a sleeve, a transparent outer tube connected to the sleeve; a cover on the sleeve; a light-emitting unit in the sleeve and a lower end thereof pressing the refill; a conductive terminal in the sleeve and on the light-emitting unit; wherein a cam swing rod is pivotally installed within a top of the sleeve; one side of the cam swing rod is a cam and another side thereof is a hook plate; an inner wall of the cover is installed with an upper block and a lower end thereof is a lower block; the upper and lower blocks are on the upper and lower sides of the hook plate; a bottom end of the conductive terminal is installed with a conductive reed; the conductive reed resists against a top of the light-emitting unit and is in contact with the battery electrode at the top thereof; by the expansion of the conductive reed, the conductive terminal has a gap from a top of the light-emitting unit; and a casing top of the light-emitting unit receives a light-emitting body and has a long conductive pin extended from the light-emitting body; the long conductive pin is not in contact with the battery electrode; a short conductive pin of the light-emitting body is directly in contact to another battery electrode.
2. The light-emitting pen as claimed in claim 1, wherein a top of the refill is installed with a conductive enclosure and a top of the connecting ring resists against a bottom of the light-emitting unit and a lower end of the conductive enclosure resists against the spring.
3. The light-emitting pen as claimed in claim 2, wherein the refill, conductive enclosure and spring are installed with a transparent inner tube and the transparent inner tube is installed within the transparent outer tube.
4. The light-emitting pen as claimed in claim 1, wherein two sides of the cover are installed with recesses which penetrates through a wall of the

cover for embedding studs at two sides at two sides of the pen tube.

5. The light-emitting pen as claimed in claim 1, wherein two sides of the cover are formed with recesses which do not penetrate through a wall of the cover for embedding studs at two sides at two sides of the pen tube 2.

5        6. The light-emitting pen as claimed in claim 1, wherein an inner wall of cover corresponding to the hook plate is installed with at least one trench which penetrates through an wall of the cover; and the inner wall corresponding to the cam is installed with trenches which penetrates through the inner wall.

10       7. The light-emitting pen as claimed in claim 1, wherein an inner wall of cover corresponding to the hook plate is installed with at least one trench which do not penetrate through an wall of the cover; and the inner wall corresponding to the cam is installed with trenches which do no penetrate through the inner wall.

15       8. The light-emitting pen as claimed in claim 1, wherein an upper section of the conductive terminal is a cambered end.

9. The light-emitting pen as claimed in claim 1, wherein a metal connected ring is installed below the pen tube and the metal connecting rind is screwedly connected to the transparent outer tube.

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